WHAT IS CLAIMED IS:

1. A glycopeptide compound having at least one substituent of the formula:

$$-R^{a}-Y-R^{b}-(Z)$$

5 wherein

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each R^a is independently selected from the group consisting of alkylene, substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene;

each R^b is independently selected from the group consisting of a covalent bond, alkylene, substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene, provided R^b is not a covalent bond when Z is hydrogen;

each Y is independently selected from the group consisting of oxygen, sulfur, -S-S-, $-NR^c-$, -S(O)-, $-SO_2-$, $-NR^cC(O)-$, -OC(O)-, $-NR^cSO_2-$, $-OSO_2-$, $-C(O)NR^c-$, -C(O)O-, $-SO_2NR^c-$, $-SO_2O-$, $-P(O)(OR^c)O-$, $-P(O)(OR^c)NR^c-$, $-OP(O)(OR^c)O-$, $-OP(O)(OR^c)NR^c-$, -OC(O)O-, $-NR^cC(O)O-$, $-NR^cC(O)NR^c-$, $-OC(O)NR^c-$ and $-NR^cSO_2NR^c-$;

each Z is independently selected from hydrogen, aryl, cycloalkyl, cycloalkenyl, heteroaryl and heterocyclic;

each R^c is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and -C(O)R^d;

each R^d is independently selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl,

cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

x is 1 or 2;

and pharmaceutically acceptable salts thereof;

5 provided that:

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- (i) when Y is -NR^c-, R^c is alkyl of 1 to 4 carbon atoms, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
- (ii) when Y is -C(O)NR^c-, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
- (iii) when Y is sulfur, Z is hydrogen and R^b is alkylene, then R^b contains at least 7 carbon atoms; and
 - (iv) when Y is oxygen, Z is hydrogen and R^b is alkylene, then R^b contains at least 11 carbon atoms.
- 2. The compound of Claim 1, wherein the glycopeptide compound is substituted with from 1 to 3 substituents of the formula $-R^a-Y-R^b-(Z)_x$.
 - 3. The compound of Claim 2, wherein each R^a is independently selected from alkylene having from 1 to 10 carbon atoms.
 - 4. The compound of Claim 3, wherein R^a is ethylene or propylene.
- 5. The compound of Claim 2, wherein Z is hydrogen and R^b is alkylene of from 8 to 12 carbon atoms.
 - 6. The compound of Claim 5, wherein R^b and Z form an n-octyl, n-nonyl, n-decyl, n-undecyl or n-dodecyl group.

- 7. The compound of Claim 2, wherein Z is aryl, cycloalkyl, cycloalkenyl, heteroaryl or heterocyclic and R^b is a covalent bond or alkylene of from 1 to 10 carbon atoms.
- 8. The compound of Claim 7, wherein Z is aryl and R^b is a covalent bond, methylene, $-(CH_2)_6$ -, $-(CH_2)_7$ -, $-(CH_2)_8$ -, $-(CH_2)_9$ or $-(CH_2)_{10}$ -.
 - 9. The compound of Claim 2, wherein each Y is independently selected from the group consisting of oxygen, sulfur, -S-S-, -NR^c-, -S(O)-, -SO₂-, -NR^cC(O)-, -OC(O)-, -NR^cSO₂-, -C(O)NR^c-, -C(O)O- and -SO₂NR^c-.
- 10 The compound of Claim 9, wherein Y is oxygen, sulfur, -NR^c- or -NR^cSO₂-.
 - 11. The compound of Claim 2, wherein each Z is independently selected from hydrogen, aryl, cycloalkyl, heteroaryl and heterocyclic.
 - 12. The compound of Claim 11, wherein Z is hydrogen or aryl.
- 15 13. The compound of Claim 12, wherein Z is phenyl, substituted phenyl, biphenyl, substituted biphenyl or terphenyl.
 - 14. The compound of Claim 2, wherein the $-R^a-Y-R^b-(Z)_x$ group is selected from the group consisting of:

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-CH_2CH_2-NH-(CH_2)_9CH_3;
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20 $-CH_2CH_2CH_2-NH-(CH_2)_8CH_3$;

-CH₂CH₂CH₂CH₂-NH-(CH₂)₇CH₃;

-CH₂CH₂-NHSO₂-(CH₂)₉CH₃;

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-CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-(CH<sub>2</sub>)<sub>11</sub>CH<sub>3</sub>;
                   -CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>8</sub>CH<sub>3</sub>;
                   -CH_2CH_2-S-(CH_2)_9CH_3;
                   -CH_2CH_2-S-(CH_2)_{10}CH_3;
 5
                   -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>8</sub>CH<sub>3</sub>;
                   -CH_2CH_2CH_2-S-(CH_2)_9CH_3;
                   -CH_2CH_2CH_2-S-(CH_2)_3-CH=CH-(CH_2)_4CH_3 (trans);
                   -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>7</sub>CH<sub>3</sub>;
                   -CH_2CH_2-S(O)-(CH_2)_9CH_3;
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                   -CH_2CH_2-S-(CH_2)_6Ph;
                   -CH_2CH_2-S-(CH_2)_8Ph;
                   -CH_2CH_2CH_2-S-(CH_2)_8Ph;
                   -CH_2CH_2-NH-CH_2-4-(4-Cl-Ph)-Ph;
                   -CH_2CH_2-NH-CH_2-4-[4-CH_3)_2CHCH_2-]-Ph;
15
                   -CH_2CH_2-NH-CH_2-4-(4-CF_3-Ph)-Ph;
                   -CH_2CH_2-S-CH_2-4-(4-Cl-Ph)-Ph;
                   -CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
                   -CH_2CH_2CH_2-S-CH_2-4-(4-Cl-Ph)-Ph;
                   -CH_2CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
20
                   -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-[3,4-di-Cl-PhCH<sub>2</sub>O-)-Ph;
                   -CH_2CH_2-NHSO_2-CH_2-4-[4-(4-Ph)-Ph]-Ph;
                   -CH_2CH_2CH_2-NHSO_2-CH_2-4-(4-Cl-Ph)-Ph;
                   -CH_2CH_2CH_2-NHSO_2-CH_2-4-(Ph-C=C-)-Ph;
                   -CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(4-Cl-Ph)-Ph; and
25
                   -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(naphth-2-yl)-Ph.
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15. A compound of formula I:

wherein

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 R^1 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and $-R^a-Y-R^b-(Z)_x$; or a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)_x$;

 R^2 is hydrogen or a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)_x;$

 $R^{3} \text{ is } -OR^{c}, \ -NR^{c}R^{c}, \ -O-R^{a}-Y-R^{b}-(Z)_{x}, \ -NR^{c}-R^{a}-Y-R^{b}-(Z)_{x}, \ -NR^{c}R^{e}, \text{ or } \\ -O-R^{e} \ ;$

 R^4 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, $-R^a-Y-R^b-(Z)_x$, $-C(O)R^d$ and a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)_x$;

 R^5 is selected from the group consisting of hydrogen, halo, $-CH(R^c)-NR^cR^c$, $-CH(R^c)-NR^cR^c$ and $-CH(R^c)-NR^c-R^a-Y-R^b-(Z)_x$;

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 R^6 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, $-R^a-Y-R^b-(Z)_x$, $-C(O)R^d$ and a saccharide group optionally substituted with $-NR^c-R^a-Y-R^b-(Z)_x$, or R^5 and R^6 can be joined, together with the atoms to which they are attached, form a heterocyclic ring optionally substituted with $-NR^c-R^a-Y-R^b-(Z)_x$;

 R^7 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, $-R^a-Y-R^b-(Z)_x$, and $-C(O)R^d$;

R⁸ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

R⁹ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

R¹⁰ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic; or R⁸ and R¹⁰ are joined to form -Ar¹-O-Ar²-, where Ar¹ and Ar² are independently arylene or heteroarylene;

R¹¹ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic, or R¹⁰ and R¹¹ are joined, together with the carbon and nitrogen atoms to which they are attached, to form a heterocyclic ring;

 R^{12} is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic, $-C(O)R^d$, $-C(NH)R^d$, $-C(O)NR^cR^c$, $-C(O)OR^d$, $-C(NH)NR^cR^c$ and $-R^a-Y-R^b-(Z)_x$, or R^{11} and R^{12} are joined, together with the nitrogen atom to which they are attached, to form a heterocyclic ring;

R¹³ is selected from the group consisting of hydrogen or -OR¹⁴;

R¹⁴ is selected from hydrogen, -C(O)R^d and a saccharide group;

each R^a is independently selected from the group consisting of alkylene,
substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene;

each R^b is independently selected from the group consisting of a covalent bond, alkylene, substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene, provided R^b is not a covalent bond when Z is hydrogen;

each R^c is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and -C(O)R^d;

each R^d is independently selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

R^e is a saccharide group;

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X¹, X² and X³ are independently selected from hydrogen or chloro; each Y is independently selected from the group consisting of oxygen, sulfur, -S-S-, -NR^c-, -S(O)-, -SO₂-, -NR^cC(O)-, -OSO₂-, -OC(O)-, -NR^cSO₂-, -C(O)NR^c-, -C(O)O-, -SO₂NR^c-, -SO₂O-, -P(O)(OR^c)O-,

- $-P(O)(OR^c)NR^c-$, $-OP(O)(OR^c)O-$, $-OP(O)(OR^c)NR^c-$, -OC(O)O-,
- $-NR^{c}C(O)O_{-}$, $-NR^{c}C(O)NR^{c}_{-}$, $-OC(O)NR^{c}_{-}$ and $-NR^{c}SO_{2}NR^{c}_{-}$;

each Z is independently selected from hydrogen, aryl, cycloalkyl, cycloalkenyl, heteroaryl and heterocyclic;

5 $n ext{ is } 0, 1 ext{ or } 2;$

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x is 1 or 2;

and pharmaceutically acceptable salts, stereoisomers and prodrugs thereof; provided that at least one of R¹, R², R³, R⁴, R⁵, R⁶, R⁷ or R¹² has a substitutent of the formula -R^a-Y-R^b-(Z)_x;

and further provided that:

- (i) when Y is -NR^c-, R^c is alkyl of 1 to 4 carbon atoms, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
- (ii) when Y is -C(O)NR^c-, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
- (iii) when Y is sulfur, Z is hydrogen and R^b is alkylene, then R^b contains at least 7 carbon atoms; and
- (iv) when Y is oxygen, Z is hydrogen and R^b is alkylene, then R^b contains at least 11 carbon atoms.
- The compound of Claim 15, wherein R^1 is a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)$.
 - 17. The compound of Claim 16, wherein R¹ is a saccharide group of the formula:

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 R^{15} is $-R^a-Y-R^b-(Z)_x$; and

R¹⁶ is hydrogen or methyl.

18. The compound of Claim 17, wherein R^{15} is a $-R^a-Y-R^b-(Z)_x$ group selected from the group consisting of:

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-CH<sub>2</sub>CH<sub>2</sub>-NH-(CH<sub>2</sub>)<sub>9</sub>CH<sub>3</sub>;
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$$-CH_2CH_2-NHSO_2-(CH_2)_{11}CH_3$$
;

$$-CH_2CH_2-S-(CH_2)_8CH_3$$
;

$$-CH_{2}CH_{2}CH_{2}-S-(CH_{2})_{8}CH_{3};$$

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$$-CH_2CH_2CH_2-S-(CH_2)_9CH_3$$
;

$$-CH_2CH_2CH_2-S-(CH_2)_3-CH=CH-(CH_2)_4CH_3$$
 (trans);

$$-CH_2CH_2-S-(CH_2)_6Ph;$$

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-CH_2CH_2-S-(CH_2)_8Ph;
                     -CH_2CH_2CH_2-S-(CH_2)_8Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-[4-CH<sub>3</sub>)<sub>2</sub>CHCH<sub>2</sub>-]-Ph;
 5
                     -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-(4-CF<sub>3</sub>-Ph)-Ph;
                     -CH_2CH_2-S-CH_2-4-(4-Cl-Ph)-Ph;
                     -CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                     -CH_2CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
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                     -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-[3,4-di-Cl-PhCH<sub>2</sub>O-)-Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-CH<sub>2</sub>-4-[4-(4-Ph)-Ph]-Ph;
                     -CH_2CH_2CH_2-NHSO_2-CH_2-4-(4-Cl-Ph)-Ph;
                     -CH_2CH_2CH_2-NHSO_2-CH_2-4-(Ph-C=C-)-Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(4-Cl-Ph)-Ph; and
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                     -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(naphth-2-yl)-Ph.
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- 19. The compound of Claim 15, wherein R³ is -OH or -NR^cR^c.
- 20. The compound of Claim 15, wherein R⁵ is hydrogen, -CH₂-N-(N-CH₃-D-glucamine); -CH₂-NH-CH₂CH₂-NH-(CH₂)₉CH₃; -CH₂-NH-CH₂CH₂-NH-(CH₂)₁₁CH₃; -CH₂-NH-(CH₂)₅-COOH; and -CH₂-N-(2-amino-2-deoxygluconic acid).
 - 21. The compound of Claim 15, wherein R⁸ is -CH₂C(O)NH₂, -CH₂COOH, benzyl, 4-hydroxyphenyl or 3-chloro-4-hydroxyphenyl.
 - 22. The compound of Claim 15, wherein R⁹ is hydrogen and R¹¹ is hydrogen or methyl.

- 23. The compound of Claim 22, wherein R^{10} is alkyl or substituted alkyl.
- 24. The compound of Claim 23, wherein R^{12} is hydrogen, alkyl, substituted alkyl or $-C(O)R^d$.
- 5 25. The compound of Claim 24, wherein n is 1.
 - 26. A compound of formula II:

HO
$$R^{21}$$
 CI OH R^{26} R^{27} R^{27} R^{22} R^{23} R^{23} R^{24} R^{25} R^{27} R^{27}

 R^{21} is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and $-R^a-Y-R^b-(Z)_x$; or a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)_x$;

 R^{22} is $-OR^c$, $-NR^cR^c$, $-O-R^a-Y-R^b-(Z)_x$ or $-NR^c-R^a-Y-R^b-(Z)_x$; R^{23} is selected from the group consisting of hydrogen, halo, $-CH(R^c)-NR^cR^c$, $-CH(R^c)-R^e$ and $-CH(R^c)-NR^c-R^a-Y-R^b-(Z)_x$;

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R²⁴ is selected from the group consisting of hydrogen and lower alkyl;

R²⁵ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

R²⁶ is selected from the group consisting of hydrogen and lower alkyl; or R²⁵ and R²⁶ are joined, together with the carbon and nitrogen atoms to which they are attached, to form a heterocyclic ring;

 R^{27} is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic, $-C(O)R^d$, $-C(NH)R^d$, $-C(O)NR^cR^c$, $-C(O)OR^d$, $-C(NH)NR^cR^c$ and $-R^a-Y-R^b-(Z)_x$, or R^{26} and R^{27} are joined, together with the nitrogen atom to which they are attached, to form a heterocyclic ring;

each R^a is independently selected from the group consisting of alkylene, substituted alkylene, alkenylene, substituted alkynylene and substituted alkynylene;

each R^b is independently selected from the group consisting of a covalent bond, alkylene, substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene, provided R^b is not a covalent bond when Z is hydrogen;

each R^c is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and -C(O)R^d;

each R^d is independently selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

5 Re is an aminosaccharide group;

each Y is independently selected from the group consisting of oxygen,

sulfur,
$$-S-S-, -NR^{c}-, -S(O)-, -SO_{2}-, -NR^{c}C(O)-, -OSO_{2}-, -OC(O)-,$$

$$-NR^{c}SO_{2}-$$
, $-C(O)NR^{c}-$, $-C(O)O-$, $-SO_{2}NR^{c}-$, $-SO_{2}O-$, $-P(O)(OR^{c})O-$,

$$-P(O)(OR^c)NR^c-$$
, $-OP(O)(OR^c)O-$, $-OP(O)(OR^c)NR^c-$, $-OC(O)O-$,

10 -NR $^{c}C(O)O-$, -NR $^{c}C(O)NR^{c}-$, -OC $(O)NR^{c}-$ and -NR $^{c}SO_{2}NR^{c}-$;

each Z is independently selected from hydrogen, aryl, cycloalkyl, cycloalkenyl, heteroaryl and heterocyclic;

n is 0, 1 or 2;

x is 1 or 2:

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and pharmaceutically acceptable salts, stereoisomers and prodrugs thereof; provided that at least one of R^{21} , R^{22} , R^{23} or R^{27} has a substitutent of the formula $-R^a-Y-R^b-(Z)_x$;

and further provided that:

- (i) when Y is -NR^c-, R^c is alkyl of 1 to 4 carbon atoms, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
 - (ii) when Y is -C(O)NR^c-, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
 - (iii) when Y is sulfur, Z is hydrogen and R^b is alkylene, then R^b contains at least 7 carbon atoms; and
- 25 (iv) when Y is oxygen, Z is hydrogen and R^b is alkylene, then R^b contains at least 11 carbon atoms.
 - 27. The compound of Claim 26, wherein \mathbb{R}^{21} is a saccharide group of the formula:

 R^{15} is $-R^a-Y-R^b-(Z)_x$, and

R¹⁶ is hydrogen or methyl.

28. The compound of Claim 27, wherein R^{15} is a $-R^a-Y-R^b-(Z)_x$ group

5 selected from the group consisting of:

$$-CH_2CH_2-NH-(CH_2)_9CH_3;$$

$$-CH_2CH_2CH_2-NH-(CH_2)_8CH_3$$
;

$$-CH_2CH_2-NHSO_2-(CH_2)_9CH_3$$
;

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$$-CH_2CH_2-NHSO_2-(CH_2)_{11}CH_3$$
;

$$-CH_2CH_2-S-(CH_2)_8CH_3;$$

$$-CH2CH2-S-(CH2)9CH3;$$

$$-CH_2CH_2-S-(CH_2)_{10}CH_3;$$

$$-CH_2CH_2CH_2-S-(CH_2)_8CH_3;$$

15
$$-CH_2CH_2CH_2-S-(CH_2)_9CH_3$$
;

$$-CH_2CH_2CH_2-S-(CH_2)_3-CH=CH-(CH_2)_4CH_3$$
 (trans);

$$-CH_2CH_2CH_2CH_2-S-(CH_2)_7CH_3$$
;

$$-CH_2CH_2-S(O)-(CH_2)_9CH_3;$$

$$-CH_2CH_2-S-(CH_2)_6Ph;$$

$$-CH_2CH_2-S-(CH_2)_8Ph;$$

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-CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>8</sub>Ph;
                       -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                       -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-[4-CH<sub>3</sub>)<sub>2</sub>CHCH<sub>2</sub>-]-Ph;
                       -CH_2CH_2-NH-CH_2-4-(4-CF_3-Ph)-Ph;
 5
                       -CH_2CH_2-S-CH_2-4-(4-Cl-Ph)-Ph;
                       -CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
                       -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                       -CH_2CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
                       -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-[3,4-di-Cl-PhCH<sub>2</sub>O-)-Ph;
                       -CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-CH<sub>2</sub>-4-[4-(4-Ph)-Ph]-Ph;
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                       -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                       -CH_2CH_2CH_2-NHSO_2-CH_2-4-(Ph-C=C-)-Ph;
                       -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(4-Cl-Ph)-Ph; and
                       -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(naphth-2-yl)-Ph.
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- 15 29. The compound of Claim 26, wherein R²² is -OH or -NR^cR^c.
 - 30. The compound of Claim 26, wherein R²³ is hydrogen, -CH₂-N-(N-CH₃-D-glucamine); -CH₂-NH-CH₂CH₂-NH-(CH₂)₉CH₃; -CH₂-NH-CH₂CH₂-NH-(CH₂)₁₁CH₃; -CH₂-NH-(CH₂)₅-COOH; or -CH₂-N-(2-amino-2-deoxygluconic acid).
- 31. The compound of Claim 26, wherein R²⁴ is hydrogen and R²⁶ is hydrogen or methyl.
 - 32. The compound of Claim 31, wherein R²⁵ is alkyl or substituted alkyl.
 - 33. The compound of Claim 32, wherein \mathbb{R}^{25} is isobutyl.

- 34. The compound of Claim 33, wherein R^{27} is hydrogen, alkyl, substituted alkyl or $-C(O)R^d$.
- 35. A compound shown in any of Tables I, II, III, IV, V or VI, or a pharmaceutically-acceptable salt thereof.
- 36. A pharmaceutical composition comprising a pharmaceutically-acceptable carrier and a therapeutically effective amount of a glycopeptide compound having at least one substituent of the formula:

$$-R^a-Y-R^b-(Z)$$

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each R^a is independently selected from the group consisting of alkylene, substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene;

each R^b is independently selected from the group consisting of a covalent bond, alkylene, substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene, provided R^b is not a covalent bond when Z is hydrogen;

each Y is independently selected from the group consisting of oxygen, sulfur, -S-S-, $-NR^c-$, -S(O)-, $-SO_2-$, $-NR^cC(O)-$, -OC(O)-, $-NR^cSO_2-$,

 $-OSO_2^-$, $-C(O)NR^c$ -, -C(O)O-, $-SO_2NR^c$ -, $-SO_2O$ -, , $-P(O)(OR^c)O$ -,

 $-P(O)(OR^c)NR^c-, \ -OP(O)(OR^c)O-, -OP(O)(OR^c)NR^c-, \ -OC(O)O-, \ -OP(O)(OR^c)NR^c-, \ -OO(O)O-, \ -OO(O)O-,$

-NR°C(O)O-, -NR°C(O)NR°-, -OC(O)NR°- and -NR°SO $_2$ NR°-;

each Z is independently selected from hydrogen, aryl, cycloalkyl, cycloalkenyl, heteroaryl and heterocyclic;

each R^c is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl,

cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and -C(O)R^d;

each R^d is independently selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

x is 1 or 2;

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and pharmaceutically acceptable salts thereof; provided that:

- 10 (i) when Y is -NR^c-, R^c is alkyl of 1 to 4 carbon atoms, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
 - (ii) when Y is -C(O)NR^c-, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
 - (iii) when Y is sulfur, Z is hydrogen and R^b is alkylene, then R^b contains at least 7 carbon atoms; and
 - (iv) when Y is oxygen, Z is hydrogen and R^b is alkylene, then R^b contains at least 11 carbon atoms.
- 37. The pharmaceutical composition of Claim 36, wherein the glycopeptide compound is substituted with from 1 to 3 substituents of the formula $-R^a Y R^b (Z)_x.$
 - 38. The pharmaceutical composition of Claim 37, wherein each R^a is independently selected from alkylene having from 1 to 10 carbon atoms.
 - 39. The pharmaceutical composition of Claim 38, wherein R^a is ethylene or propylene.

- 40. The pharmaceutical composition of Claim 37, wherein Z is hydrogen and R^b is alkylene of from 8 to 12 carbon atoms.
- 41. The pharmaceutical composition of Claim 40, wherein R^b and Z form an n-octyl, n-nonyl, n-decyl, n-undecyl or n-dodecyl group.

- 5 42. The pharmaceutical composition of Claim 37, wherein Z is aryl, cycloalkyl, cycloalkenyl, heteroaryl or heterocyclic and R^b is a covalent bond or alkylene of from 1 to 10 carbon atoms.
- 43. The pharmaceutical composition of Claim 42, wherein Z is aryl and R^b is a covalent bond, methylene, -(CH₂)₆-, -(CH₂)₇-, -(CH₂)₈-, -(CH₂)₉- or -(CH₂)₁₀-.
 - 44. The pharmaceutical composition of Claim 37, wherein each Y is independently selected from the group consisting of oxygen, sulfur, -S-S-, -NR^c-, -S(O)-, -SO₂-, -NR^cC(O)-, -OC(O)-, -NR^cSO₂-, -C(O)NR^c-, -C(O)O- and -SO₂NR^c-.
- 15 45. The pharmaceutical composition of Claim 44, wherein Y is oxygen, sulfur, $-NR^c-$ or $-NR^cSO_2-$.
 - 46. The pharmaceutical composition of Claim 37, wherein each Z is independently selected from hydrogen, aryl, cycloalkyl, heteroaryl and heterocyclic.
- 20 47. The pharmaceutical composition of Claim 46, wherein Z is hydrogen or aryl.

- 48. The pharmaceutical composition of Claim 47, wherein Z is phenyl, substituted phenyl, biphenyl, substituted biphenyl or terphenyl.
- 49. The pharmaceutical composition of Claim 37, wherein the $-R^a-Y-R^b-(Z)_x$ group is selected from the group consisting of:

```
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                      -CH_2CH_2-NH-(CH_2)_9CH_3;
                      -CH_2CH_2CH_2-NH-(CH_2)_8CH_3;
                      -CH_2CH_2CH_2-NH-(CH_2)_7CH_3;
                      -CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-(CH<sub>2</sub>)<sub>9</sub>CH<sub>3</sub>;
                       -CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-(CH<sub>2</sub>)<sub>11</sub>CH<sub>3</sub>;
10
                      -CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>8</sub>CH<sub>3</sub>;
                      -CH_2CH_2-S-(CH_2)_9CH_3;
                      -CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>10</sub>CH<sub>3</sub>;
                      -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>8</sub>CH<sub>3</sub>;
                      -CH_2CH_2CH_2-S-(CH_2)_9CH_3;
15
                      -CH_2CH_2CH_2-S-(CH_2)_3-CH=CH-(CH_2)_4CH_3 (trans);
                      -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>7</sub>CH<sub>3</sub>;
                      -CH_2CH_2-S(O)-(CH_2)_9CH_3;
                      -CH_2CH_2-S-(CH_2)_6Ph;
                      -CH_2CH_2-S-(CH_2)_8Ph;
20
                      -CH_2CH_2CH_2-S-(CH_2)_8Ph;
                      -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                      -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-[4-CH<sub>3</sub>)<sub>2</sub>CHCH<sub>2</sub>-]-Ph;
                      -CH_2CH_2-NH-CH_2-4-(4-CF_3-Ph)-Ph;
                      -CH_2CH_2-S-CH_2-4-(4-Cl-Ph)-Ph;
25
                      -CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
                      -CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                      -CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
                      -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-[3,4-di-Cl-PhCH<sub>2</sub>O-)-Ph;
```

$$-CH_2CH_2CH_2-NHSO_2-CH_2-4-(Ph-C=C-)-Ph;$$

$$-CH_2CH_2CH_2-NHSO_2-4-(naphth-2-yl)-Ph.$$

50. A pharmaceutical composition comprising a pharmaceutically-acceptable carrier and a therapeutically effective amount of a compound of formula I:

10 wherein

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 R^1 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and $-R^a-Y-R^b-(Z)_x$; or a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)_x$;

 R^2 is hydrogen or a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)$;

 $R^{3} \text{ is } -OR^{c}, \ -NR^{c}R^{c}, \ -O-R^{a}-Y-R^{b}-(Z)_{x}, \ -NR^{c}-R^{a}-Y-R^{b}-(Z)_{x}, \ -NR^{c}R^{e}, \text{ or } \\ -O-R^{e} \ ;$

 R^4 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, $-R^a-Y-R^b-(Z)_x$, $-C(O)R^d$ and a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)_x$;

R⁵ is selected from the group consisting of hydrogen, halo,

$$-CH(R^c)-NR^cR^c$$
, $-CH(R^c)-NR^cR^e$ and $-CH(R^c)-NR^c-R^a-Y-R^b-(Z)_x$;

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 R^6 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, $-R^a-Y-R^b-(Z)_x$, $-C(O)R^d$ and a saccharide group optionally substituted with $-NR^c-R^a-Y-R^b-(Z)_x$, or R^5 and R^6 can be joined, together with the atoms to which they are attached, form a heterocyclic ring optionally substituted with $-NR^c-R^a-Y-R^b-(Z)_x$;

 R^7 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, $-R^a-Y-R^b-(Z)_x$, and $-C(O)R^d$;

R⁸ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

R⁹ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

R¹⁰ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and

heterocyclic; or R⁸ and R¹⁰ are joined to form -Ar¹-O-Ar²-, where Ar¹ and Ar² are independently arylene or heteroarylene;

R¹¹ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic, or R¹⁰ and R¹¹ are joined, together with the carbon and nitrogen atoms to which they are attached, to form a heterocyclic ring;

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 R^{12} is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic, $-C(O)R^d$, $-C(NH)R^d$, $-C(O)NR^cR^c$, $-C(O)OR^d$, $-C(NH)NR^cR^c$ and $-R^a-Y-R^b-(Z)_x$, or R^{11} and R^{12} are joined, together with the nitrogen atom to which they are attached, to form a heterocyclic ring;

R¹³ is selected from the group consisting of hydrogen or -OR¹⁴;

R¹⁴ is selected from hydrogen, -C(O)R^d and a saccharide group;

each R^a is independently selected from the group consisting of alkylene,
substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene;

each R^b is independently selected from the group consisting of a covalent bond, alkylene, substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene, provided R^b is not a covalent bond when Z is hydrogen;

each R^c is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and -C(O)R^d;

each R^d is independently selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl,

cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

Re is a saccharide group;

X¹, X² and X³ are independently selected from hydrogen or chloro; each Y is independently selected from the group consisting of oxygen,

sulfur, -S-S-, $-NR^{c}-$, -S(O)-, $-SO_{2}-$, $-NR^{c}C(O)-$, $-OSO_{2}-$, -OC(O)-,

 $-NR^{c}SO_{2}-$, $-C(O)NR^{c}-$, -C(O)O-, $-SO_{2}NR^{c}-$, $-SO_{2}O-$, $-P(O)(OR^{c})O-$,

 $-P(O)(OR^{c})NR^{c}-, -OP(O)(OR^{c})O-, -OP(O)(OR^{c})NR^{c}-, -OC(O)O-,$

-NR°C(O)O-, -NR°C(O)NR°-, -OC(O)NR°- and -NR°SO₂NR°-;

each Z is independently selected from hydrogen, aryl, cycloalkyl, cycloalkenyl, heteroaryl and heterocyclic;

 $n ext{ is } 0, 1 ext{ or } 2;$

x is 1 or 2:

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and pharmaceutically acceptable salts, stereoisomers and prodrugs thereof; provided that at least one of R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^7 or R^{12} has a substitutent of the formula $-R^a-Y-R^b-(Z)_x$;

and further provided that:

- (i) when Y is -NR^c-, R^c is alkyl of 1 to 4 carbon atoms, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
- (ii) when Y is -C(O)NR^c-, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
 - (iii) when Y is sulfur, Z is hydrogen and R^b is alkylene, then R^b contains at least 7 carbon atoms; and
- (iv) when Y is oxygen, Z is hydrogen and R^b is alkylene, then R^b contains at least 11 carbon atoms.
 - 51. The pharmaceutical composition of Claim 50, wherein R^1 is a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)$.

52. The pharmaceutical composition of Claim 51, wherein R¹ is a saccharide group of the formula:

wherein

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 R^{15} is $-R^a-Y-R^b-(Z)$; and

R¹⁶ is hydrogen or methyl.

53. The pharmaceutical composition of Claim 52, wherein R^{15} is a $-R^a-Y-R^b-(Z)_x$ group selected from the group consisting of:

- $-CH_2CH_2-NH-(CH_2)_9CH_3$;
- -CH₂CH₂CH₂-NH-(CH₂)₈CH₃;
- 10 $-CH_2CH_2CH_2-NH-(CH_2)_7CH_3$;
 - -CH₂CH₂-NHSO₂-(CH₂)₉CH₃;
 - -CH₂CH₂-NHSO₂-(CH₂)₁₁CH₃;
 - $-CH_2CH_2-S-(CH_2)_8CH_3$;
 - $-CH_2CH_2-S-(CH_2)_9CH_3$;
- 15 $-CH_2CH_2-S-(CH_2)_{10}CH_3$;
 - $-CH_2CH_2CH_2-S-(CH_2)_8CH_3;$
 - -CH₂CH₂CH₂-S-(CH₂)₉CH₃;
 - $-CH_2CH_2CH_2-S-(CH_2)_3-CH=CH-(CH_2)_4CH_3$ (trans);
 - -CH₂CH₂CH₂CH₂-S-(CH₂)₇CH₃;

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-CH_2CH_2-S(O)-(CH_2)_9CH_3;
                     -CH_2CH_2-S-(CH_2)_6Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>8</sub>Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>8</sub>Ph;
 5
                     -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                     -CH_2CH_2-NH-CH_2-4-[4-CH_3)_2CHCH_2-]-Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-(4-CF<sub>3</sub>-Ph)-Ph;
                     -CH_2CH_2-S-CH_2-4-(4-Cl-Ph)-Ph;
                     -CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
10
                     -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                     -CH_2CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-[3,4-di-Cl-PhCH<sub>2</sub>O-)-Ph;
                     -CH_2CH_2-NHSO_2-CH_2-4-[4-(4-Ph)-Ph]-Ph;
                     -CH_2CH_2CH_2-NHSO_2-CH_2-4-(4-Cl-Ph)-Ph;
15
                     -CH_2CH_2CH_2-NHSO_2-CH_2-4-(Ph-C=C-)-Ph;
                     -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(4-Cl-Ph)-Ph; and
                     -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(naphth-2-yl)-Ph.
```

- 54. The pharmaceutical composition of Claim 50, wherein R³ is -OH or -NR°R°.
- 55. The pharmaceutical composition of Claim 50, wherein R⁵ is hydrogen, -CH₂-N-(N-CH₃-D-glucamine); -CH₂-NH-CH₂CH₂-NH-(CH₂)₉CH₃; -CH₂-NH-CH₂CH₂-NH-(CH₂)₁₁CH₃; -CH₂-NH-(CH₂)₅-COOH; and -CH₂-N-(2-amino-2-deoxygluconic acid).
- 56. The pharmaceutical composition of Claim 50, wherein R⁸ is -CH₂C(O)NH₂, -CH₂COOH, benzyl, 4-hydroxyphenyl or 3-chloro-4-hydroxyphenyl.

- 57. The pharmaceutical composition of Claim 50, wherein R⁹ is hydrogen and R¹¹ is hydrogen or methyl.
- 58. The pharmaceutical composition of Claim 57, wherein R^{10} is alkyl or substituted alkyl.
- 5 59. The pharmaceutical composition of Claim 58, wherein R¹² is hydrogen, alkyl, substituted alkyl or -C(O)R^d.
 - 60. The pharmaceutical composition of Claim 50, wherein n is 1.
- 61. A pharmaceutical composition comprising a pharmaceutically-acceptable carrier and a therapeutically effective amount of a compound of formula II:

HO
$$R^{21}$$
 R^{26} R^{26} R^{27} R^{27} R^{22} R^{23} R^{23} R^{24} R^{25} R^{27} R^{27}

 R^{21} is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic and $-R^a-Y-R^b-(Z)_x$; or a saccharide group optionally substituted with $-R^a-Y-R^b-(Z)_x$;

$$R^{22}$$
 is $-OR^{c}$, $-NR^{c}R^{c}$, $-O-R^{a}-Y-R^{b}-(Z)_{x}$ or $-NR^{c}-R^{a}-Y-R^{b}-(Z)_{x}$;

R²³ is selected from the group consisting of hydrogen, halo,

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$$-CH(R^c)-NR^cR^c$$
, $-CH(R^c)-R^e$ and $-CH(R^c)-NR^c-R^a-Y-R^b-(Z)_x$;

R²⁴ is selected from the group consisting of hydrogen and lower alkyl;

R²⁵ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

 R^{26} is selected from the group consisting of hydrogen and lower alkyl; or R^{25} and R^{26} are joined, together with the carbon and nitrogen atoms to which they are attached, to form a heterocyclic ring;

 R^{27} is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, heterocyclic, $-C(O)R^d$, $-C(NH)R^d$, $-C(O)NR^cR^c$, $-C(O)OR^d$, $-C(NH)NR^cR^c$ and $-R^a-Y-R^b-(Z)_x$, or R^{26} and R^{27} are joined, together with the nitrogen atom to which they are attached, to form a heterocyclic ring;

each R^a is independently selected from the group consisting of alkylene, substituted alkylene, alkenylene, substituted alkynylene and substituted alkynylene;

each R^b is independently selected from the group consisting of a covalent bond, alkylene, substituted alkylene, alkenylene, substituted alkenylene, alkynylene and substituted alkynylene, provided R^b is not a covalent bond when Z is hydrogen;

each R^c is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heterocyclic and -C(O)R^d;

each R^d is independently selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl and heterocyclic;

Re is an aminosaccharide group;

each Y is independently selected from the group consisting of oxygen, sulfur, -S-S-,-NR^c-, -S(O)-, -SO₂-, -NR^cC(O)-, -OSO₂-, -OC(O)-, -NR^cSO₂-, -C(O)NR^c-, -C(O)O-, -SO₂NR^c-, -SO₂O-, -P(O)(OR^c)O-, -P(O)(OR^c)NR^c-, -OP(O)(OR^c)O-, -OP(O)(OR^c)NR^c-, -OC(O)O-, -NR^cC(O)O-, -NR^cC(O)NR^c-, -OC(O)NR^c- and -NR^cSO₂NR^c-; each Z is independently selected from hydrogen, aryl, cycloalkyl.

each Z is independently selected from hydrogen, aryl, cycloalkyl, cycloalkenyl, heteroaryl and heterocyclic;

 $n ext{ is } 0, 1 ext{ or } 2;$

x is 1 or 2;

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and pharmaceutically acceptable salts, stereoisomers and prodrugs thereof; provided that at least one of R^{21} , R^{22} , R^{23} or R^{27} has a substitutent of the formula $-R^a-Y-R^b-(Z)_x$;

and further provided that:

- (i) when Y is -NR^c-, R^c is alkyl of 1 to 4 carbon atoms, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
- 25 (ii) when Y is -C(O)NR^c-, Z is hydrogen and R^b is alkylene, then R^b contains at least 5 carbon atoms;
 - (iii) when Y is sulfur, Z is hydrogen and R^b is alkylene, then R^b contains at least 7 carbon atoms; and

- (iv) when Y is oxygen, Z is hydrogen and R^b is alkylene, then R^b contains at least 11 carbon atoms.
- 62. The pharmaceutical composition of Claim 61, wherein R^{21} is a saccharide group of the formula:

 R^{15} is $-R^a-Y-R^b-(Z)_x$, and

R¹⁶ is hydrogen or methyl.

63. The pharmaceutical composition of Claim 62, wherein R^{15} is a $-R^a-Y-R^b-(Z)_x$ group selected from the group consisting of:

10 $-CH_2CH_2-NH-(CH_2)_9CH_3$;

 $-CH_2CH_2CH_2-NH-(CH_2)_8CH_3;$

-CH₂CH₂CH₂CH₂-NH-(CH₂)₇CH₃;

 $-CH_2CH_2-NHSO_2-(CH_2)_9CH_3;$

-CH₂CH₂-NHSO₂-(CH₂)₁₁CH₃;

15 $-CH_2CH_2-S-(CH_2)_8CH_3$;

 $-CH_2CH_2-S-(CH_2)_9CH_3;$

 $-CH_2CH_2-S-(CH_2)_{10}CH_3;$

-CH₂CH₂CH₂-S-(CH₂)₈CH₃;

```
-CH_2CH_2CH_2-S-(CH_2)_9CH_3;
                    -CH_2CH_2CH_2-S-(CH_2)_3-CH=CH-(CH_2)_4CH_3 (trans);
                    -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>7</sub>CH<sub>3</sub>;
                    -CH_2CH_2-S(O)-(CH_2)_9CH_3;
 5
                    -CH_2CH_2-S-(CH_2)_6Ph;
                    -CH<sub>2</sub>CH<sub>2</sub>-S-(CH<sub>2</sub>)<sub>8</sub>Ph;
                    -CH_2CH_2CH_2-S-(CH_2)_8Ph;
                    -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                    -CH<sub>2</sub>CH<sub>2</sub>-NH-CH<sub>2</sub>-4-[4-CH<sub>3</sub>)<sub>2</sub>CHCH<sub>2</sub>-]-Ph;
10
                    -CH_2CH_2-NH-CH_2-4-(4-CF_3-Ph)-Ph;
                    -CH_2CH_2-S-CH_2-4-(4-Cl-Ph)-Ph;
                    -CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
                    -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-(4-Cl-Ph)-Ph;
                    -CH_2CH_2CH_2-S(O)-CH_2-4-(4-Cl-Ph)-Ph;
15
                    -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-S-CH<sub>2</sub>-4-[3,4-di-Cl-PhCH<sub>2</sub>O-)-Ph;
                    -CH_2CH_2-NHSO_2-CH_2-4-[4-(4-Ph)-Ph]-Ph;
                    -CH_2CH_2CH_2-NHSO_2-CH_2-4-(4-Cl-Ph)-Ph;
                    -CH_2CH_2CH_2-NHSO_2-CH_2-4-(Ph-C\equiv C-)-Ph;
                    -CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(4-Cl-Ph)-Ph; and
20
                    -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-NHSO<sub>2</sub>-4-(naphth-2-yl)-Ph.
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- 64. The pharmaceutical composition of Claim 61, wherein R²² is -OH or -NR^cR^c.
- 65. The pharmaceutical composition of Claim 61, wherein R²³ is hydrogen, -CH₂-N-(N-CH₃-D-glucamine); -CH₂-NH-CH₂CH₂-NH-(CH₂)₉CH₃; -CH₂-NH-CH₂CH₂-NH-(CH₂)₁₁CH₃; -CH₂-NH-(CH₂)₅-COOH; or -CH₂-N-(2-amino-2-deoxygluconic acid).

- 66. The pharmaceutical composition of Claim 61, wherein R^{24} is hydrogen and R^{26} is hydrogen or methyl.
- 67. The pharmaceutical composition of Claim 66, wherein R²⁵ is alkyl or substituted alkyl.
- 5 68. The pharmaceutical composition of Claim 67, wherein R²⁵ is isobutyl.
 - 69. The pharmaceutical composition of Claim 68, wherein R^{27} is hydrogen, alkyl, substituted alkyl or $-C(O)R^d$.
- 70. A pharmaceutical composition comprising a pharmaceuticallyacceptable carrier and a therapeutically effective amount of a compound shown in any of Tables I, II, III, IV, V or VI, or a pharmaceutically-acceptable salt thereof.
 - 71. A method of treating a mammal having a bacterial disease, the method comprising administering to the mammal a therapeutically effective amount of a pharmaceutical composition of Claim 36, 50 or 61.